



FINELED CATALOGUE

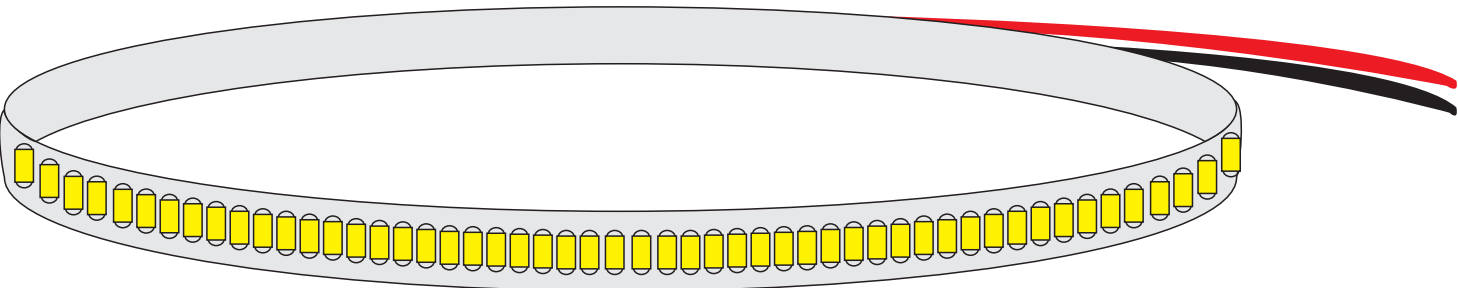


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We focus on High Quality LED Strip

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COMPANY PROFILE

FINELED was founded in 2010, is one professional manufacturer that specializing in production and marketing of LED Strip, we have about 120 staffs and have qualified and talented R & D engineers, QA engineers, QC engineers that provide high reliability and high stability products, we have successfully obtained certificates of ISO9001, CE, RoHS, FCC and UL, FINELED also equipped many professional machines for quality test, for example, Salty & humidity testing, High & low temperature testing, Twist testing and UV testing etc.

We select the best raw materials including LED packages, PCBs, Tins, Resistors, 3M adhesive tapes and so on, our concepts are continually creating One order One BIN, the color consistency and color temperature control is a premier important for FINELED.

We offer excellent marketing and after service to over 30 countries in the world and winning a great reputation with our LED Flexible Strip.



120



2010



7000 m²



500K m/y



CERTIFICATION



Product Nomenclature

FL

- XX

FS

XXXX

- XXX

- XX

- XX

- IP

XX

IP rating

IP20: Non-waterproof

IP54A: Silicon coating

IP54B: Nano coating

IP65A: Shrink tube

IP65B: Silicon tube

IP67: Silicon filling

IP68: Extrusion

Strip type or angle

C: Constant Current

V: Constant Voltage

B: Bendable Zigzag

L: 160°

LS: 30°

LM: 45°

LB: 90°

LR: 15x45°

DS:Double Sides

Color & CCT

LW: 1800-2200K

WW: 2800-3200K

NW: 4000-4500K

DW: 5000-5500K

CW: 6000-6500K

HW: 7000-8000K

CCT: Dual color

RGB+W: RGB+White

RGBWW: RGBW 4-in-1

WRGBW: RGBWW 5-in-1

RGB+CCT: RGB+W+WW

R: RED

B: BLUE

G: GREEN

Y: YELLOW

P: PINK

LED Qty/meter

030: 30 LEDs/m

060: 60 LEDs/m

096: 96 LEDs/m

120: 120 LEDs/m

180: 180 LEDs/m

240: 240 LEDs/m

280: 280 LEDs/m

320: 320 LEDs/m

480: 480 LEDs/m

560: 560 LEDs/m

700: 700 LEDs/m

840: 480 LEDs/m

LED type

3528

5050

3014

5730

2835

3030

3535

4040

5050

6060

2110

2216

For short of Flexible Strip

Voltage

5: 5V

12: 12V

24: 24V

48: 48V

Company name

IP Rating Code for FINELED



IP54A: Silicon coating ▲



IP54B: Nano coating ▲



IP65A: Shrink Tube ▲



IP65B: Silicon tube ▲



IP67: Silicon filling ▲



IP68: Extrusion ▲

Color & CCT for FINELED



1800-2200K ▲



2700-2900K ▲



2800-3200K ▲



4000-4500K ▲



5000-5500K ▲



6000-6500K ▲



RED ▲



GREEN ▲



BLUE ▲



YELLOW ▲



DUAL COLOR ▲



R/G/B ▲



RGB+W & RGBW ▲



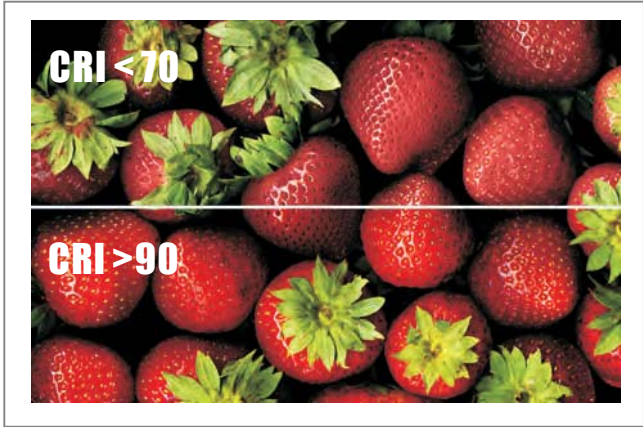
WRGBW & RGB+CCT ▲

CRI for FINELED

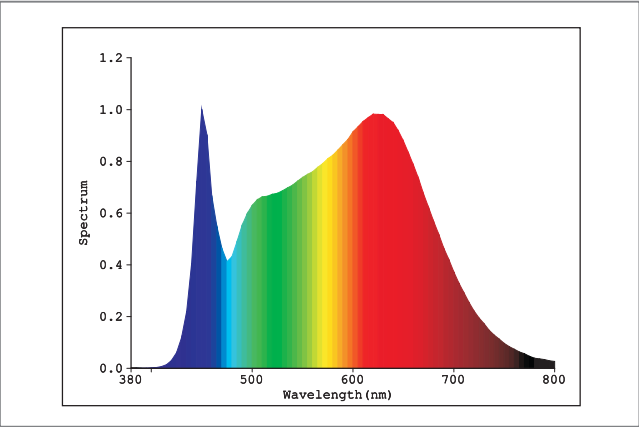
Ra >80	Ra >90	Ra 95+
CRI >80	CRI >90	CRI >95

Color Rendering Index (CRI) for Signle Color

CRI>80 or CRI>90 is our premier choice.
Under a low CRI, the colors agent right;
Under a high CRI, the colors appear as they were originally intended;
Under daylight, the candy looks the way it was supposed to...



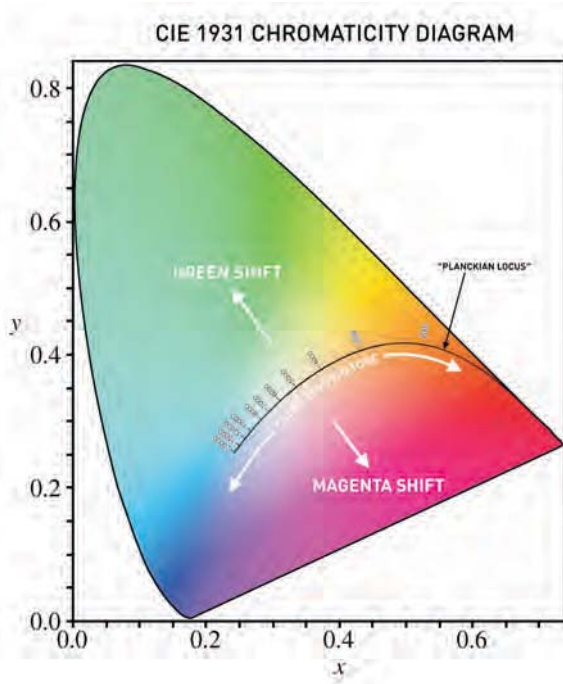
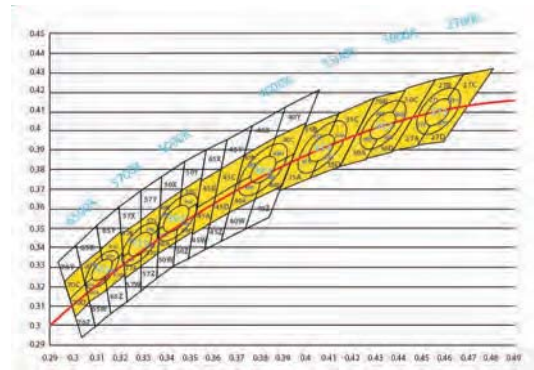
High CRI Vs. Low CRI



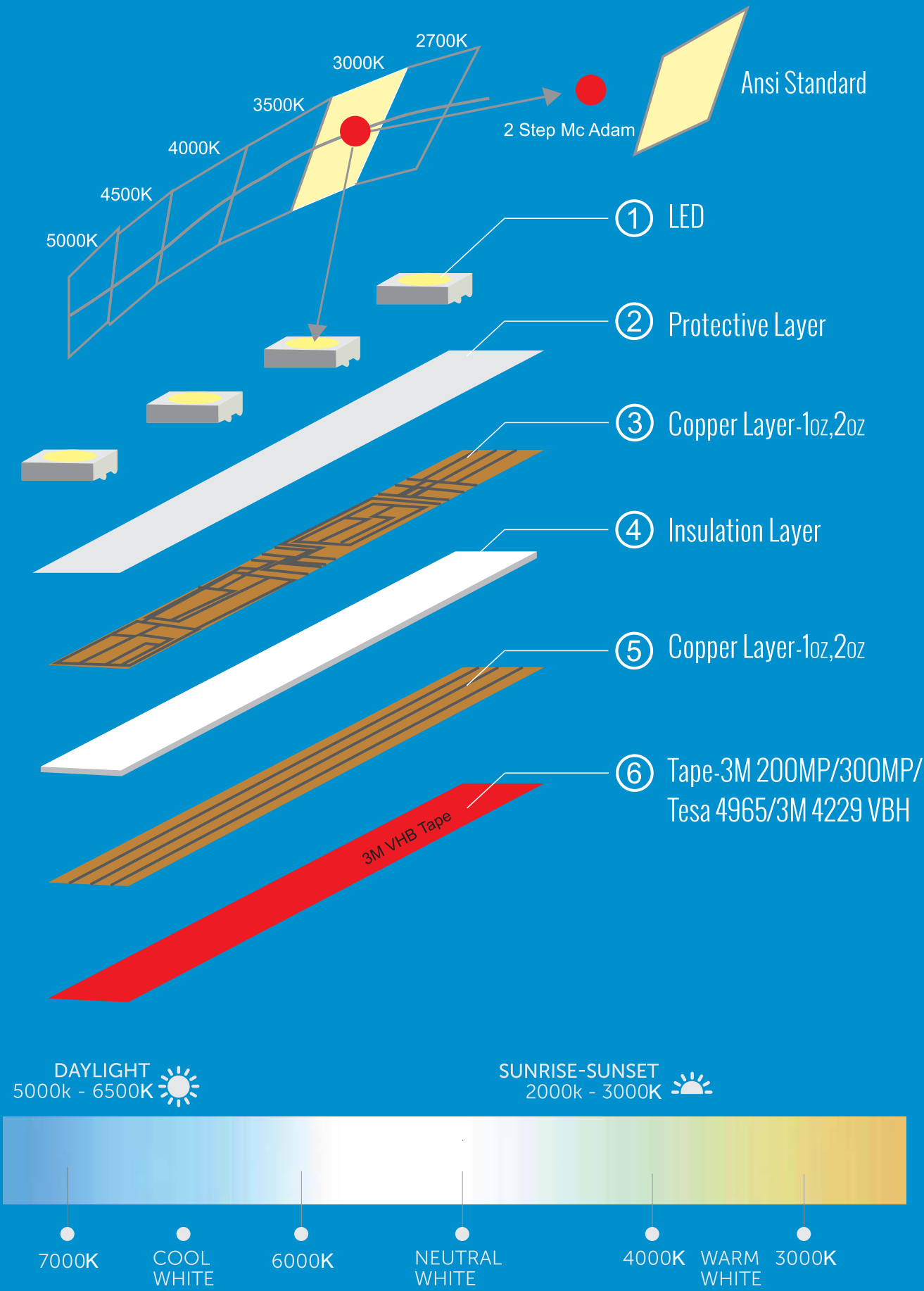
High CRI Spectrum

BIN & SDCM of FINELED

BIN of FINELED is sorted based on ANSI and good SDCM level.
One order, One BIN, SDCM<5 or SDCM<3 for option.



LED STRIP STRUCTURE



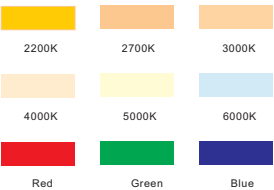


STANDARD BRIGHT
3528 60/120 LEDs/m

STANDARD BRIGHT
5050 30/60 LEDs/m



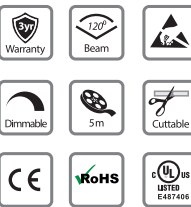
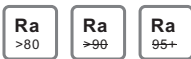
Color Option



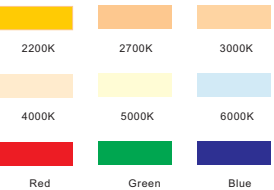
IP Grade Option



Ra Option



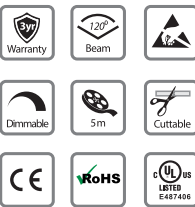
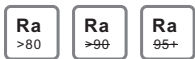
Color Option



IP Grade Option



Ra Option

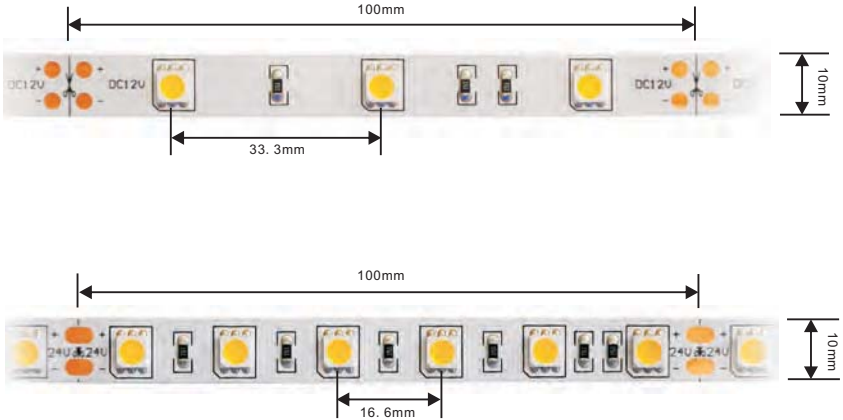
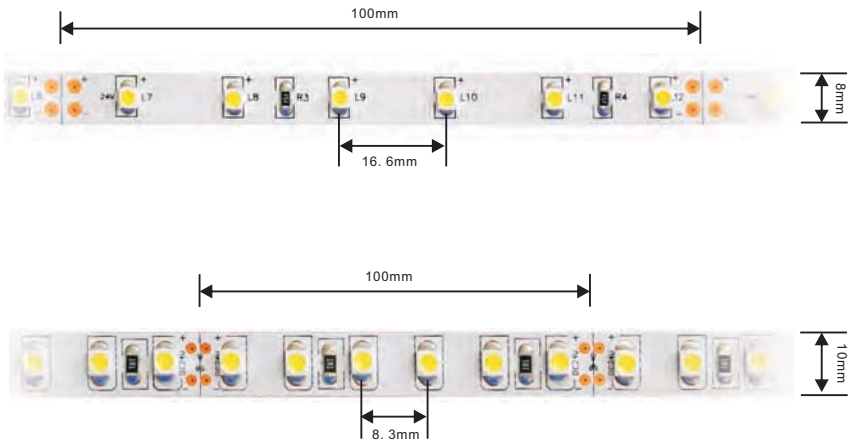


Dimension Drawing

Dimension Drawing

Unit:mm

Unit:mm



Technical data

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS3528-60		5	60	3528 SMD	360lm	8	24V	100	4.8W	>90
FL-24FS3528-120		5	120	3528 SMD	780lm	10	24V	100	9.6W	>90

* The above measurements are based on IP20 which may have a 10% tolerance

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS5050-30		5	30	5050 SMD	450-510lm	10	12V	100	7.2W	>90
FL-24FS5050-60		5	60	5050 SMD	900-1020lm	10	24V	100	14.4W	>90

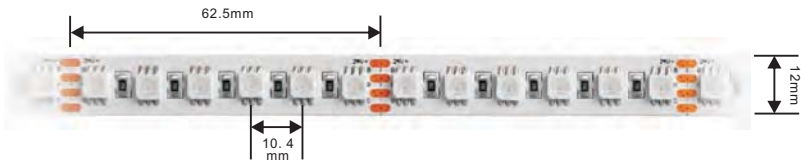
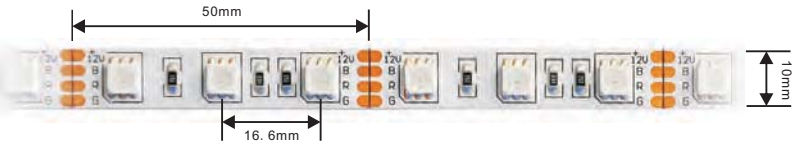
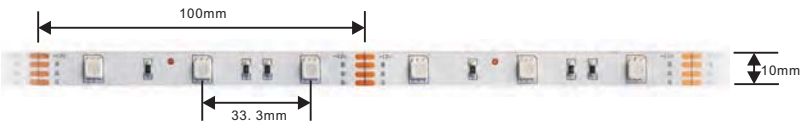
* The above measurements are based on IP20 which may have a 10% tolerance



STANDARD RGB
5050 30/60/96 LEDs/m

Dimension Drawing

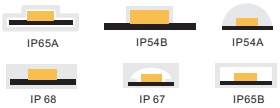
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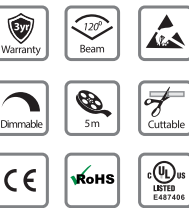
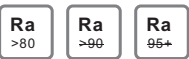
Color Option



IP Grade Option



Ra Option



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High lumen 5050 RGB SMD LEDs in 30 & 60 & 96 per meter
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full compatible with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS5050-30-RGB		5	30	SMD 5050	/	10	12V	100	7.2W	>80
FL-12FS5050-60-RGB		5	60	SMD 5050	/	10	12V	50	14.4W	>80
FL-24FS5050-96-RGB		5	96	SMD 5050	/	12	24V	62.5	23W	>80

* The above measurements are based on IP20 which may have a 10% tolerance

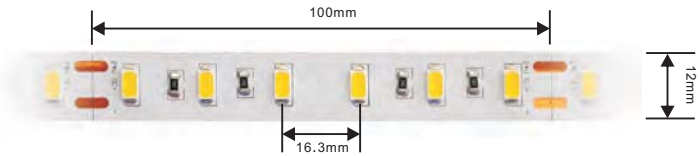
* The above measurements are based on IP20 which may have a 10% tolerance



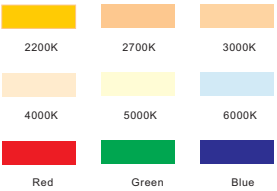
STANDARD BRIGHT
5730 60 LEDs/m

Dimension Drawing

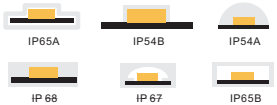
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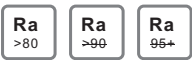
Color Option



IP Grade Option



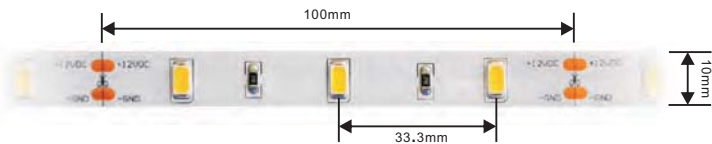
Ra Option



STANDARD BRIGHT
5730 30 LEDs/m

Dimension Drawing

Unit:mm



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS5730-30-W	CW	5	30	SMD 5730	940lm	10	12V	100	10W	>90
FL-12FS5730-30-NW	NW	5	30	SMD 5730	880lm	10	12V	100	10W	>90
FL-12FS5730-30-WW	WW	5	30	SMD 5730	780lm	10	12V	100	10W	>90

* The above measurements are based on IP20 which may have a 10% tolerance

Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness 5730 SMD LED 30 & 60 LEDs/m
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full compatible with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS5730-60-W	CW	5	60	SMD 5730	2020lm	12	24V	100	20	>90
FL-24FS5730-60-NW	NW	5	60	SMD 5730	1920lm	12	24V	100	20	>90
FL-24FS5730-60-WW	WW	5	60	SMD 5730	1850lm	12	24V	100	20	>90

* The above measurements are based on IP20 which may have a 10% tolerance

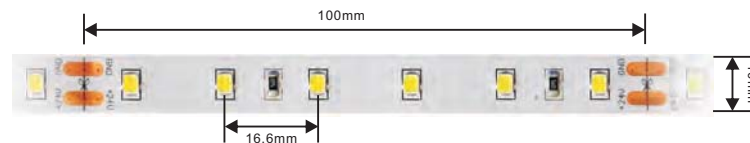


STANDARD BRIGHT

2835 60 LEDs/m

Dimension Drawing

Unit:mm



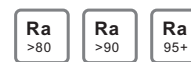
Color Option



IP Grade Option



Ra Option



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness high CRI90+ 2835 SMD LEDs
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full compatible with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

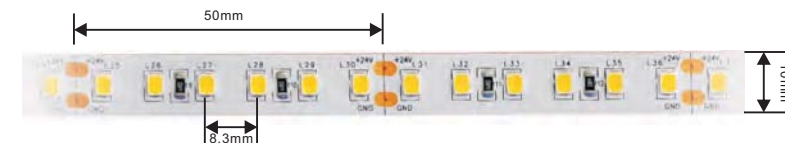
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-60-W	CW	5	60	SMD 2835	1440lm	10	24V	100	14.4W	>90
FL-24FS2835-60-WW	WW	5	60	SMD 2835	1170lm	10	24V	100	14.4W	>90

* The above measurements are based on IP20 which may have a 10% tolerance



Dimension Drawing

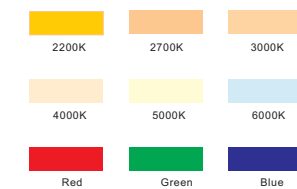
Unit:mm



STANDARD BRIGHT

2835 120 LEDs/m

Color Option



IP Grade Option



Ra Option



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-120-W	CW	5	120	SMD 2835	2400lm	10	24V	50	24W	>90
FL-24FS2835-120-WW	WW	5	120	SMD 2835	2150lm	10	24V	50	24W	>90

* The above measurements are based on IP20 which may have a 10% tolerance



HIGH EFFICIENCY 150-180LM/W
2835 64/128/224 LEDs/m

Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High efficiency 150-180lm/watt 2835 SMD LEDs
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full compatible with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty



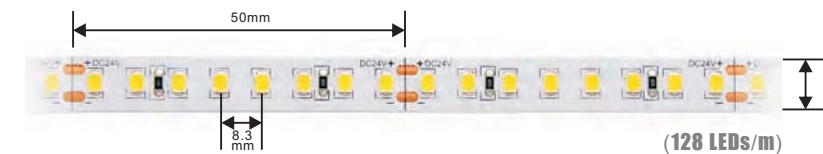
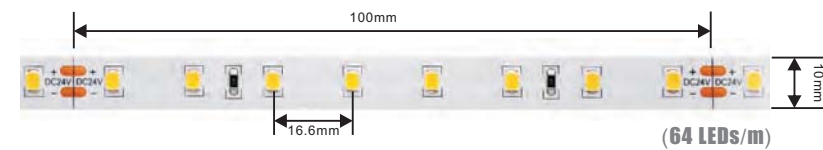
Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max. Power Consumption (W/m)	CRI
FL-24FS2835-64-H	W	5	64	SMD 2835	940lm	10	24V	100	6.4W	>80
FL-24FS2835-128-H	W	5	128	SMD 2835	1870lm	10	24V	50	12.8W	>80
FL-24FS2835-224-H	W	5	224	SMD 2835	3340lm	10	24V	50	22.4W	>80

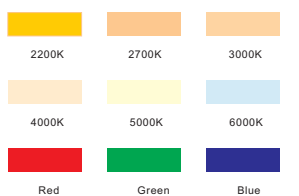
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Dimension Drawing

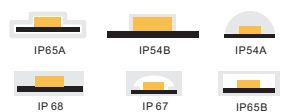
Unit:mm



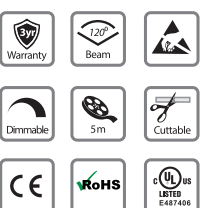
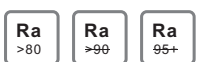
Color Option



IP Grade Option



Ra Option



* The above measurements are based on IP20 which may have a 10% tolerance



HIGH BRIGHT
3528 180 LEDs/m



Dimension Drawing

Unit:mm



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS3528-180	CW	5	180	SMD 3528	1240lm	10	24V	33	14. 4W	>90
FL-24FS3528-180	NW	5	180	SMD 3528	1100lm	10	24V	33	14. 4W	>90
FL-24FS3528-180	WW	5	180	SMD 3528	980lm	10	24V	33	14. 4W	>90

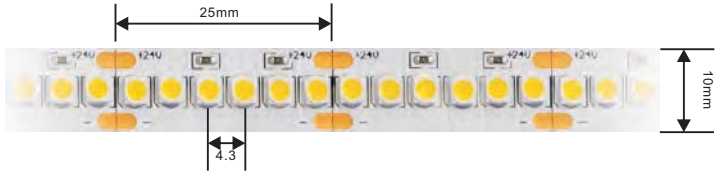
* The above measurements are based on IP20 which may have a 10% tolerance



HIGH BRIGHT
3528 240 LEDs/m

Dimension Drawing

Unit:mm



Features

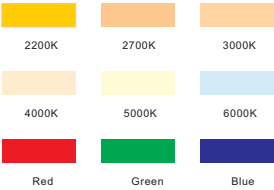
- ◆ Long life 50, 000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness high CRI95+ 3528 SMD LEDs in single row
- ◆ High density no spot no shadow
- ◆ Compatible with class 2 power supplies
- ◆ Full compatible with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

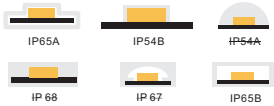
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS3528-240-W	CW	5	240	SMD 3528	1660lm	10	24V	25	19. 2W	>90
FL-24FS3528-240-NW	NW	5	240	SMD 3528	1550lm	10	24V	25	19. 2W	>90
FL-24FS3528-240-WW	WW	5	240	SMD 3528	1360lm	10	24V	25	19. 2W	>90

* The above measurements are based on IP20 which may have a 10% tolerance

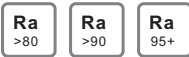
Color Option



IP Grade Option



Ra Option

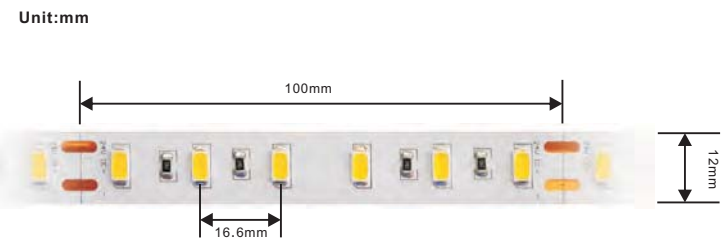




CONSTANT CURRENT

5730 60 / 126 LEDs/m

Dimension Drawing



Features

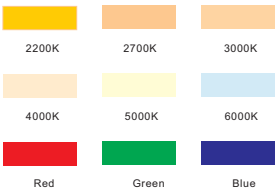
- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High consistence 5730 SMD LEDs constant current IC
- ◆ Max continuous length 15 meters
- ◆ Constant current driver 24V powered
- ◆ Full compatible with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS5730-60-CW-C	CW	5	60	SMD 5730	1900lm	12	24V	100	17.2W	>90
FL-24FS5730-60-NW-C	NW	5	60	SMD 5730	1720lm	12	24V	100	17.2W	>90
FL-24FS5730-60-WW-C	WW	5	60	SMD 5730	1600lm	12	24V	100	17.2W	>90

* The above measurements are based on IP20 which may have a 10% tolerance

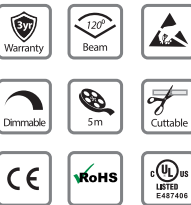
Color Option



IP Grade Option



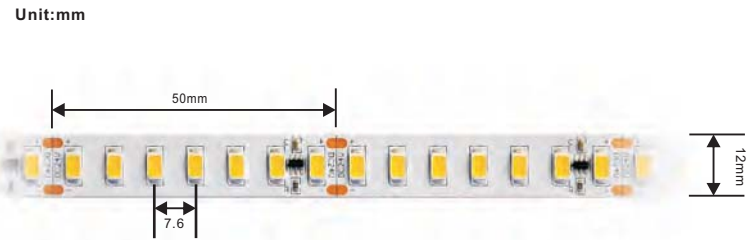
Ra Option



CONSTANT CURRENT

5730 126 LEDs/m

Dimension Drawing



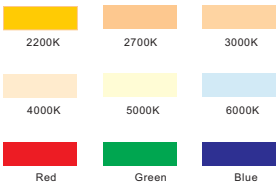
Ra Option



IP Grade Option



Color Option



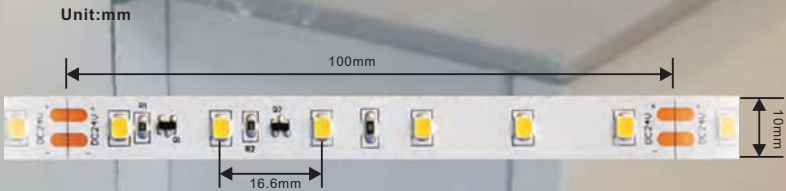
Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS5730-126-CW-C	CW	5	126	SMD 5730	2660lm	12	24V	50	33	>90
FL-24FS5730-126-NW-C	NW	5	126	SMD 5730	2450lm	12	24V	50	33	>90
FL-24FS5730-126-WW-C	WW	5	126	SMD 5730	2200lm	12	24V	50	33	>90

* The above measurements are based on IP20 which may have a 10% tolerance



Dimension Drawing



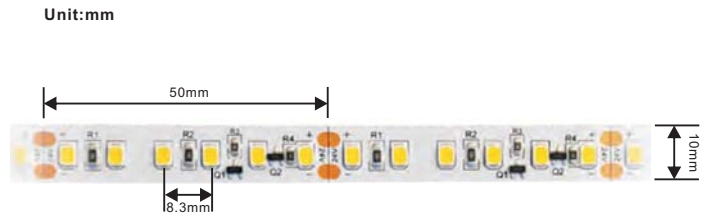
Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	(mm)	Voltage (VDC)	(mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-60-CW-C	CW	5	60	SMD 2835	1220lm	10	24V	100	14. 4W	>90
FL-24FS2835-60-NW-C	NW	5	60	SMD 2835	1050lm	10	24V	100	14. 4W	>90
FL-24FS2835-60-WW-C	WW	5	60	SMD 2835	920lm	10	24V	100	14. 4W	>90

* The above measurements are based on IP20 which may have a 10% tolerance



Dimension Drawing



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High consistence 2835 SMD LEDs constant current IC
- ◆ Max continuous length 20 meters
- ◆ Constant current driver 24V powered
- ◆ Full compatible with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

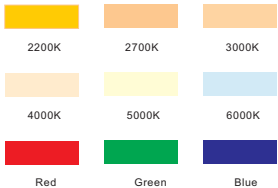
Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-120-CW-C	CW	5	120	SMD 2835	2260lm	10	24V	50	24	>90
FL-24FS2835-120-NW-C	NW	5	120	SMD 2835	2150lm	10	24V	50	24	>90
FL-24FS2835-120-WW-C	WW	5	120	SMD 2835	1900lm	10	24V	50	24	>90

* The above measurements are based on IP20 which may have a 10% tolerance

CONSTANT CURRENT
2835 60 / 120 LEDs/m

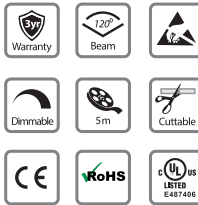
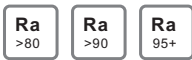
Color Option



IP Grade Option



Ra Option

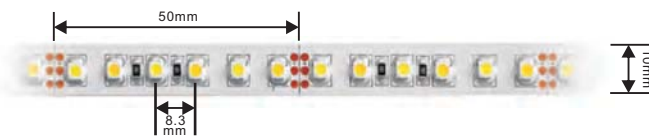




DUAL COLOR WW+CW
3528 120 LEDs/m

Dimension Drawing

Unit:mm



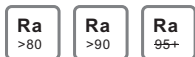
Color Option



IP Grade Option



Ra Option



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness 3528 SMD LEDs with a separate WW+CW
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full color temp. 2700-6000K adjustable by a separate dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS3528-120-CCT		5	120	SMD 3528	720lm	10	12V	50	9.6W	>90

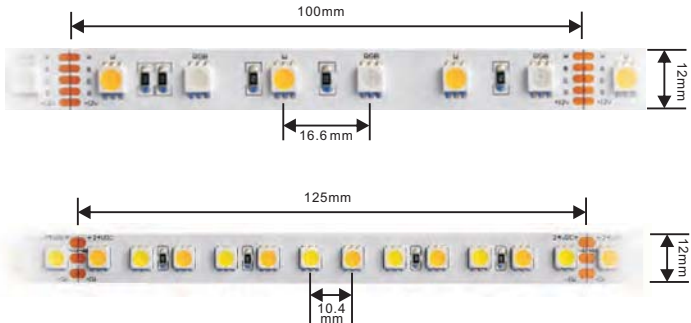
* The above measurements are based on IP20 which may have a 10% tolerance



DUAL COLOR WW+CW
5050 60/96 LEDs/m

Dimension Drawing

Unit:mm



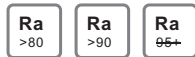
Color Option



IP Grade Option



Ra Option



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS5050-60-CCT		5	60	SMD 5050	750lm	12	12V	100	14.4W	>90
FL-24FS5050-96-CCT		5	96	SMD 5050	1400lm	12	24V	125	19.2W	>90

* The above measurements are based on IP20 which may have a 10% tolerance

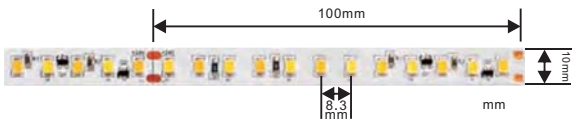


DUAL COLOR WW+CW

2835 120 LEDs/m CONSTANT CURRENT

Dimension Drawing

Unit:mm



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness 2835 SMD WW/CW
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full dimmable with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-120-CCT-C		5	120	2835 SMD	1820lm	10	24V	100	19.2W	>80

* The above measurements are based on IP20 which may have a 10% tolerance

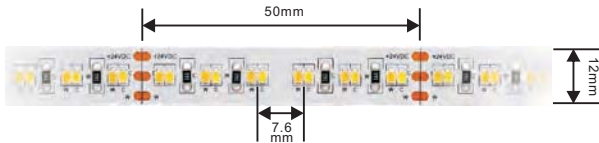


DUAL COLOR WW+CW

2216 240 LEDs/m

Dimension Drawing

Unit:mm



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness 2216 SMD WW/CW
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full dimmable with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2216-240-CCT		5	240	2216 SMD	1600lm	12	24V	50	18W	>80

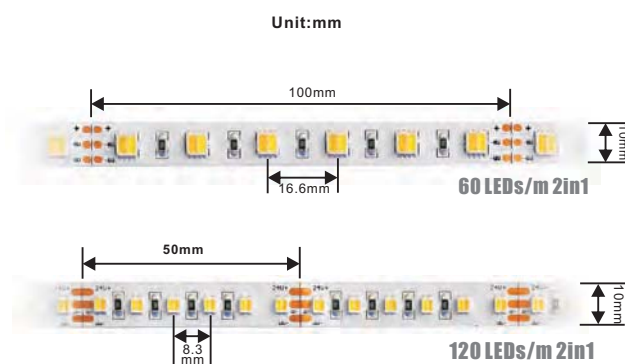
* The above measurements are based on IP20 which may have a 10% tolerance



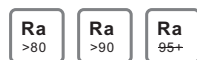
DUAL COLOR 2-IN-1

3527 60 / 120 LEDs/m

Dimension Drawing



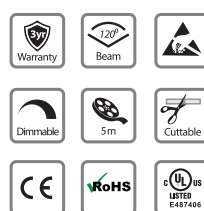
Ra Option



IP Grade Option



Color Option



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS3527-60-CCT		5	60	3528 2-in-1	980lm	10	24V	100	12	>80
FL-24FS3527-120-CCT		5	120	3528 2-in-1	1400lm	10	24V	50	18	>80

* The above measurements are based on IP20 which may have a 10% tolerance

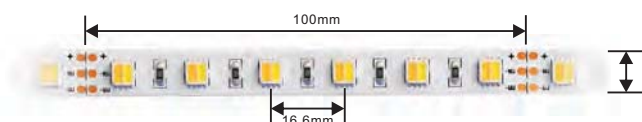


DUAL COLOR 2-IN-1

5225 60 LEDs/m

Dimension Drawing

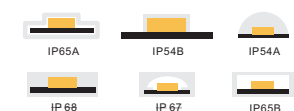
Unit:mm



Color Option



IP Grade Option

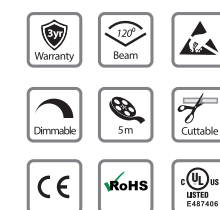


Ra Option



Features

- ♦ Long life 50,000 hours
- ♦ Safe low voltage (12Vdc or 24Vdc)
- ♦ Ultra low power consumption
- ♦ High brightness 5050 2-in-1 SMD LEDs with 90+ CRI
- ♦ 120° viewing angle
- ♦ Compatible with class 2 power supplies
- ♦ Full color temp. 2700-6000K adjustable by a separate dimmer
- ♦ For indoor use only
- ♦ 3 years warranty



Technical data

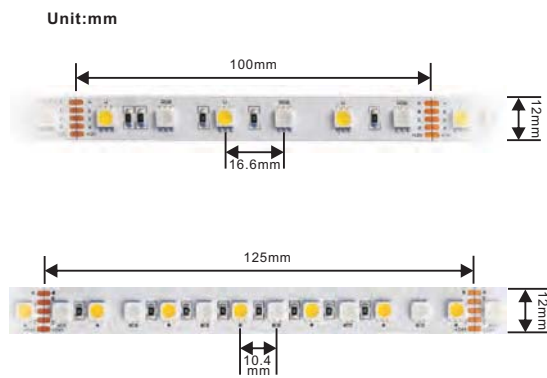
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS5225-60-CCT		5	60	5050 2-in-1	1900lm	10	24	100	28.8	>80

* The above measurements are based on IP20 which may have a 10% tolerance



RGB+W / RGB+WW
5050 60 & 90 LEDs/m

Dimension Drawing



Features

- ♦ Long life 50,000 hours
- ♦ Safe low voltage (12Vdc or 24Vdc)
- ♦ Ultra low power consumption
- ♦ High brightness 5050 SMD LEDs RGB+W & RGB+WW
- ♦ 120° viewing angle
- ♦ Compatible with class 2 power supplies
- ♦ Full color temp. 2700-6000K or R/G/B/Y adjustable by a dimmer
- ♦ For indoor use only
- ♦ 3 years warranty

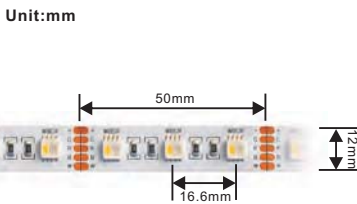
Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS5050-60-RGB+W		5	60	5050 RGB+W	/	12	12V	100	14.4W	>80
FL-24FS5050-96-RGB+W		5	96	5050 RGB+W	/	12	24V	125	23.3W	>80

* The above measurements are based on IP20 which may have a 10% tolerance



Dimension Drawing



RGBW / RGBWW 4-IN-1
5050 60 LEDs/m

Features

- ♦ Long life 50,000 hours
- ♦ Safe low voltage (12Vdc or 24Vdc)
- ♦ Ultra low power consumption
- ♦ High brightness 5050 4-in-1 SMD LEDs RGBW & RGBWW
- ♦ 120° viewing angle
- ♦ Compatible with class 2 power supplies
- ♦ Full color temp. 2700-6000K or R/G/B/Y adjustable by a dimmer
- ♦ For indoor use only
- ♦ 3 years warranty

Technical data

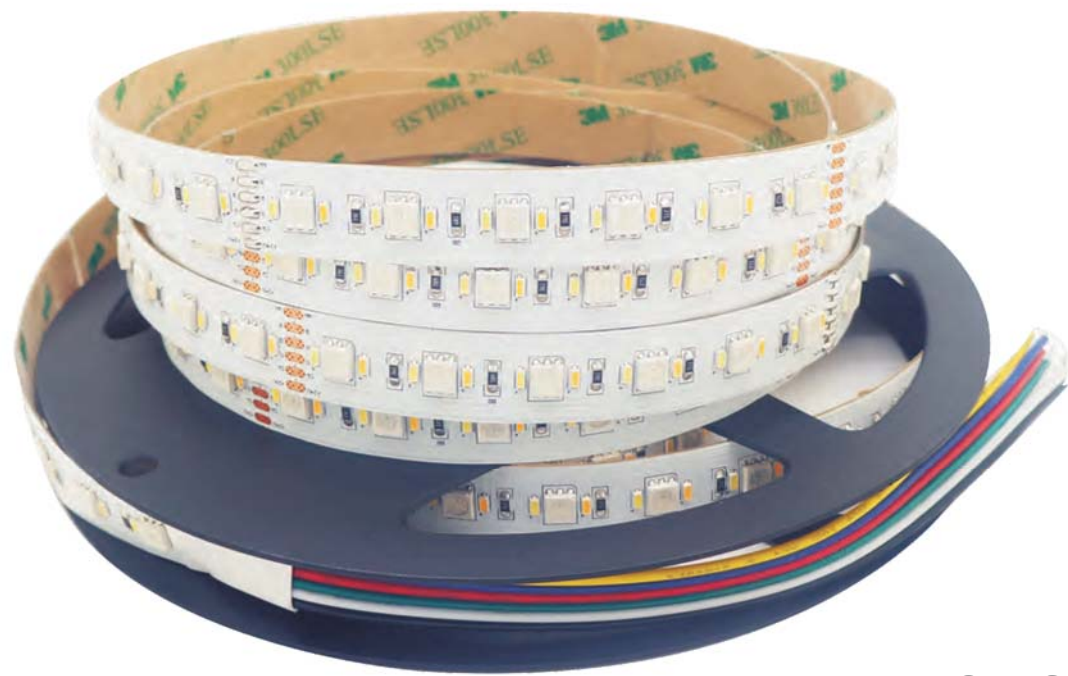
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS5050-60-RGBW		5	60	5050 4 IN 1	/	12	12V	50	14.4W	>80

* The above measurements are based on IP20 which may have a 10% tolerance

Color Option

IP Grade Option

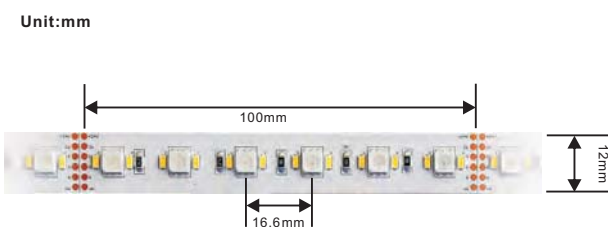
Ra Option



RGB+CCT

5050 + 3014 96 LEDs/m

Dimension Drawing



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ RGB 5050 + WW/CW 3014 Dual color
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full dimmable with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

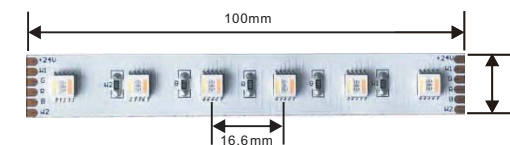
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS5030-RGBCCT		5	96	5050+3014	/	12	24V	100	25.5W	>80

* The above measurements are based on IP20 which may have a 10% tolerance



Dimension Drawing

Unit:mm



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness 5050 SMD 5-in-1 LEDs WRGBW
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full dimmable with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS5050-60-WRGBW		5	60	5050 5 in 1	/	12	24V	100	18W	>80

* The above measurements are based on IP20 which may have a 10% tolerance

WRGBW 5-IN-1

5050 60 LEDs/m



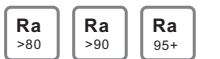
Color Option



IP Grade Option



Ra Option



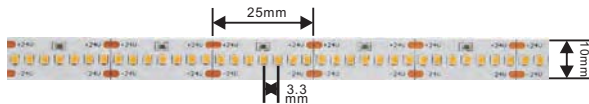


HIGH DENSITY SINGLE ROW

2216 280 LEDs/m

Dimension Drawing

Unit:mm



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	Beam Angle (°)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2216-280-W	CW	5	280	SMD 2216	2030lm	120	24V	25	20W	>90
FL-24FS3528-280-NW	NW	5	280	SMD 2216	1860lm	120	24V	25	20W	>90
FL-24FS3528-180-WW	WW	5	280	SMD 2216	1670lm	120	24V	25	20W	>90

* The above measurements are based on IP20 which may have a 10% tolerance

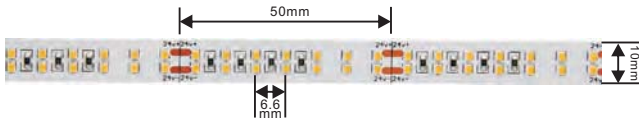


HIGH DENSITY DOUBLE ROWS

2216 280 LEDs/m

Dimension Drawing

Unit:mm



Features

- ♦ Long life 50,000 hours
- ♦ Safe low voltage (12Vdc or 24Vdc)
- ♦ Ultra low power consumption
- ♦ High brightness high CRI95+ 2216 SMD LEDs in double row
- ♦ 120° viewing angle
- ♦ Compatible with class 2 power supplies
- ♦ Full compatible with a separate lighting dimmer
- ♦ For indoor use only
- ♦ 3 years warranty

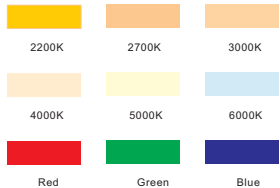
Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	Continuous Connection (m)
FL-24FS2216-280D-W	CW	5	240	SMD 2216	2030lm	10	24V	50	20W	5
FL-24FS2216-280D-NW	NW	5	240	SMD 2216	1860lm	10	24V	50	20W	5
FL-24FS2216-280D-WW	WW	5	240	SMD 2216	1670lm	10	24V	50	20W	5

* The above measurements are based on IP20 which may have a 10% tolerance



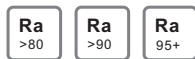
Color Option



IP Grade Option



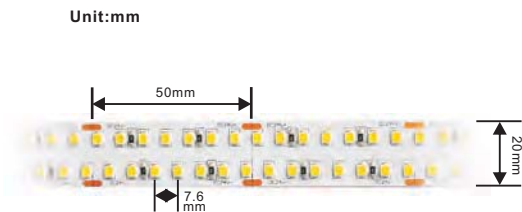
Ra Option





SUPER BRIGHT DOUBLE ROWS
2835 280 LEDs/m

Dimension Drawing



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness 2835 SMD LEDs in double row
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full dimmable with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

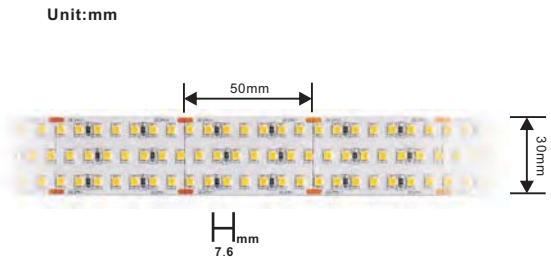
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-280-WW	2700-3000K	5	280	2835 SMD	2600lm	20	24V	50	28W	>80
FL-24FS2835-280-NW	4000-4500K	5	280	2835 SMD	2520lm	20	24V	50	28W	>80
FL-24FS2835-280-W	6000-6500K	5	280	2835 SMD	2440lm	20	24V	50	28W	>80

* The above measurements are based on IP20 which may have a 10% tolerance



SUPER BRIGHT TRIPLE ROWS
2835 420 LEDs/m

Dimension Drawing



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness 2835 SMD LEDs in triple row
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full dimmable with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-420-WW	2700-3000K	5	420	2835 SMD	3400lm	30	24V	50	36W	>80
FL-24FS2835-420-NW	4000-4500K	5	420	2835 SMD	3300lm	30	24V	50	36W	>80
FL-24FS2835-420-W	6000-6500K	5	420	2835 SMD	3220lm	30	24V	50	36W	>80

* The above measurements are based on IP20 which may have a 10% tolerance

Color Option

2200K	2700K	3000K
4000K	5000K	6000K
Red	Green	Blue

IP Grade Option

IP65A	IP54B	IP54A
IP68	IP67	IP65B

Ra Option

Ra >80	Ra >90	Ra 95+
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Warranty, Beam, 120°, Dimmable, 5m, Cuttable, CE, RoHS, UL LISTED E487406

Color Option

2200K	2700K	3000K
4000K	5000K	6000K
Red	Green	Blue

IP Grade Option

IP65A	IP54B	IP54A
IP68	IP67	IP65B

Ra Option

Ra >80	Ra >90	Ra 95+
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Warranty, Beam, 120°, Dimmable, 5m, Cuttable, CE, RoHS, UL LISTED E487406



SUPER NARROW 3.5MM PCB
2216 140 LEDs/m



Dimension Drawing



Technical data

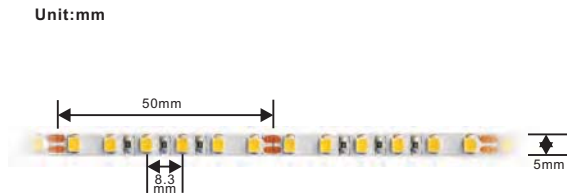
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2216-140S-WW	2700-3000K	5	140	2216 SMD	380lm	3.5	24V	50	4W	>80
FL-24FS2216-140S-NW	4000-4500K	5	140	2216 SMD	360lm	3.5	24V	50	4W	>80
FL-24FS2216-140S-W	6000-6500K	5	140	2216 SMD	330lm	3.5	24V	50	4W	>80

* The above measurements are based on IP20 which may have a 10% tolerance



SUPER NARROW 5MM PCB
2835 120 LEDs/m

Dimension Drawing



Features

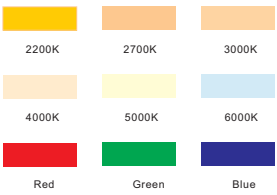
- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ Super narrow 3.5-5mm PCB
- ◆ Suitable for small channel letter or small profile
- ◆ High density no shadow no spot
- ◆ Full dimmable with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-120S-WW	2700-3000K	5	120	2835 SMD	670	5	24	50	9.6	>80
FL-24FS2835-120S-NW	4000-4500K	5	120	2835 SMD	620	5	24	50	9.6	>80
FL-24FS2835-120S-W	6000-6500K	5	120	2835 SMD	540	5	24	50	9.6	>80

* The above measurements are based on IP20 which may have a 10% tolerance

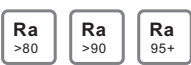
Color Option



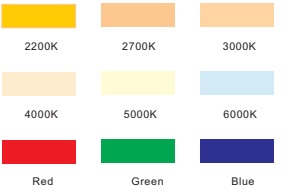
IP Grade Option



Ra Option



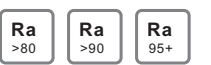
Color Option



IP Grade Option



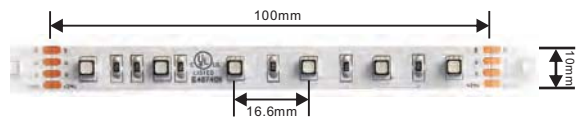
Ra Option





Dimension Drawing

Unit:mm



SUPER BRIGHT RGB 3535 60 / 120 LEDs/m

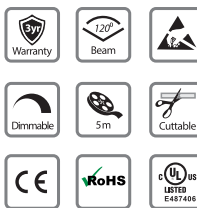
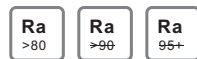
Color Option



IP Grade Option



Ra Option



Features

- Long life 50,000 hours
- Safe low voltage (12Vdc or 24Vdc)
- Ultra low power consumption
- High brightness 3535 SMD LEDs in 60 & 120 RGB
- 120° viewing angle
- Compatible with class 2 power supplies
- Full dimmable with a separate lighting controller
- For indoor use only
- 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS3535-60-RGB		5	60	SMD 3535	/	10	24V	100	12W	>80

* The above measurements are based on IP20 which may have a 10% tolerance

Dimension Drawing

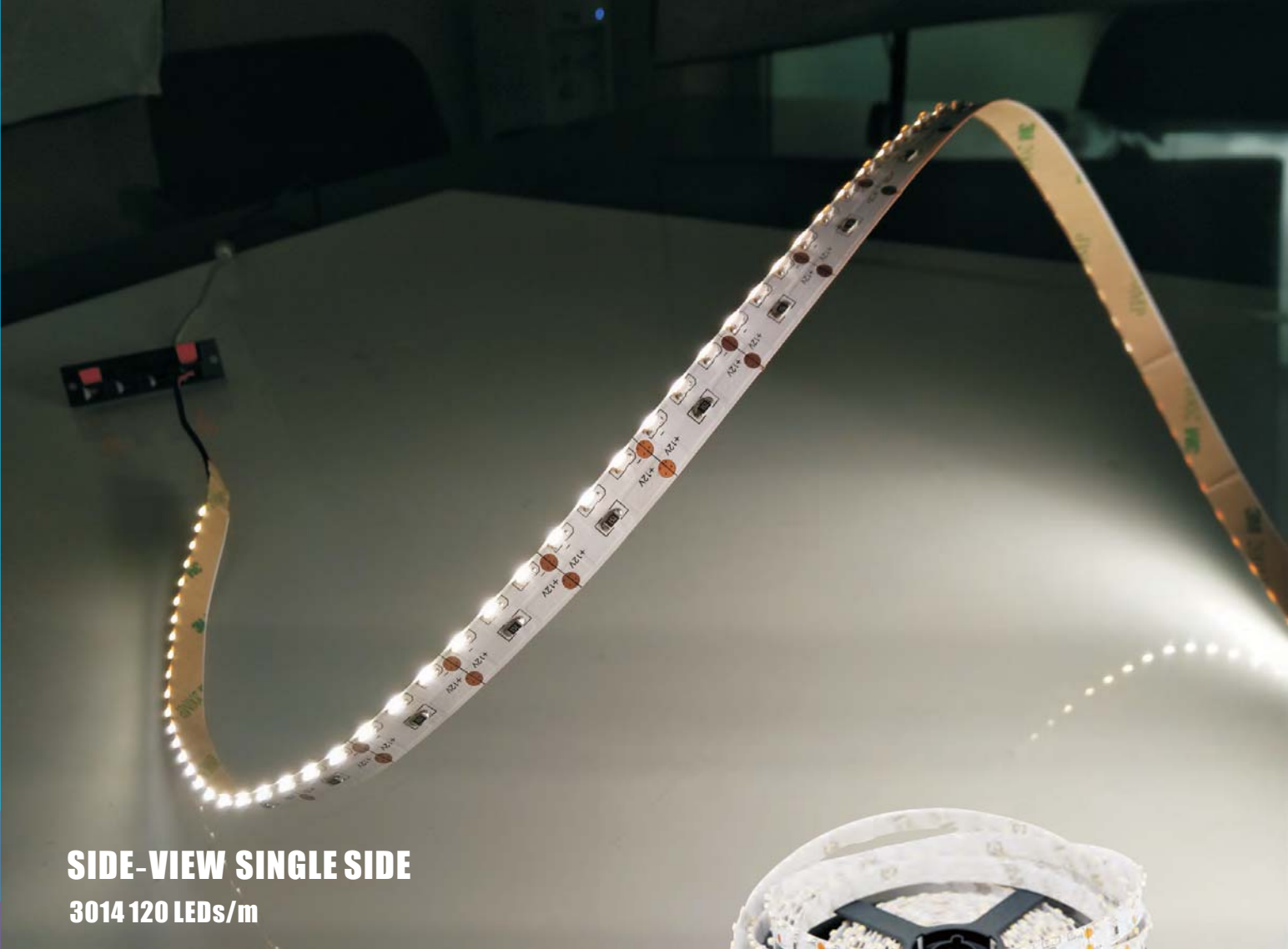
Unit:mm



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS3535-120-RGB		5	120	SMD 3535	/	12	24V	50	24W	>80

* The above measurements are based on IP20 which may have a 10% tolerance

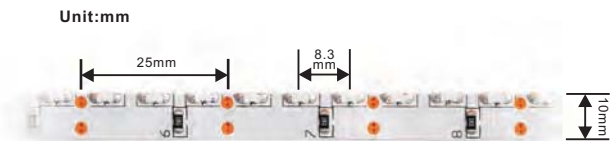


SIDE-VIEW SINGLE SIDE
3014 120 LEDs/m



SIDE-VIEW DOUBLE SIDES
3014 120 LEDs/m

Dimension Drawing



Ra Option

Ra >80Ra >90Ra 95+

IP Grade Option

IP65AIP64BIP54AIP68IP67IP65B

Color Option

2200K2700K3000K4000K5000K6000KRedGreenBlue

Warranty120° BeamCuttableDimmable5mCERoHSUL LISTED E487406

Technical data

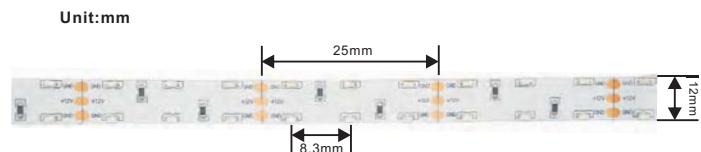
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS3014-120	CW	5	120	SMD 3014	420lm	10	12V	25	9. 6W	>80
FL-12FS3014-120	NW	5	120	SMD 3014	400lm	10	12V	25	9. 6W	>80
FL-12FS3014-120	WW	5	120	SMD 3014	360lm	10	12V	25	9. 6W	>80

* The above measurements are based on IP20 which may have a 10% tolerance

Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness 3014 Side-viewing SMD LEDs
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full compatible with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Dimension Drawing



Ra Option

Ra >80Ra >90Ra 95+

IP Grade Option

IP65AIP64BIP54AIP68IP67IP65B

Color Option

2200K2700K3000K4000K5000K6000KRedGreenBlue

Warranty120° BeamCuttableDimmable5mCERoHSUL LISTED E487406

Technical data

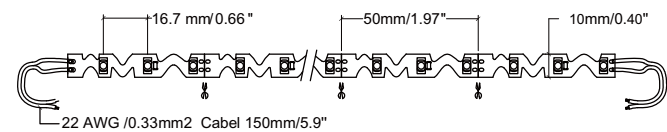
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS3014-120-DS	CW	5	120	SMD 3014	420lm	12	12V	25	9. 6W	>80
FL-12FS3014-120-DS	NW	5	120	SMD 3014	400lm	12	12V	25	9. 6W	>80
FL-12FS3014-120-DS	WW	5	120	SMD 3014	360lm	12	12V	25	9. 6W	>80

* The above measurements are based on IP20 which may have a 10% tolerance



Dimension Drawing

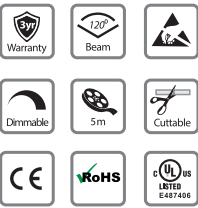
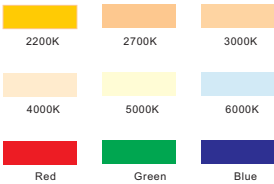
Unit:mm



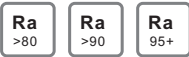
ZIGZAG S-TYPE SINGLE COLOR

2835 60 LEDs/m 6MM/8MM PCB

Color Option



Ra Option



IP Grade Option



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (Mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS2835-60-CW-B	CW	5	60	SMD 2835	1080lm	6/8	12V	100	10W	>90
FL-12FS2835-60-NW-B	NW	5	60	SMD 2835	950lm	6/8	12V	100	10W	>90
FL-12FS2835-60-WW-B	WW	5	60	SMD 2835	920lm	6/8	12V	100	10W	>90

* The above measurements are based on IP20 which may have a 10% tolerance

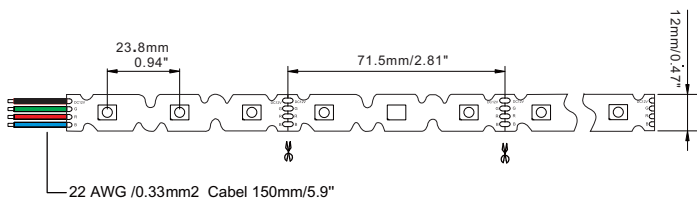
ZIGZAG S-TYPE RGB

5050 42 LEDs/m



Dimension Drawing

Unit:mm



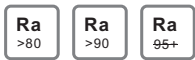
Color Option



IP Grade Option



Ra Option



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ Zigzag S-type flexible bending freely
- ◆ Suitable for signage or channel letter
- ◆ IP54B Nano or IP65C Silicon polish are available
- ◆ Full dimmable with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (Mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS5050-42-RGB-B	RGB	5	42	SMD 5050	/	10	12V	50	10W	>80

* The above measurements are based on IP20 which may have a 10% tolerance



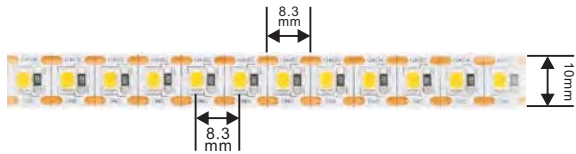
MINI ONE LED CUTTING

2835 100 LEDs/m

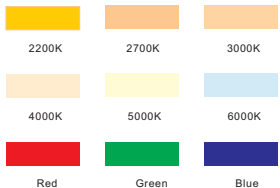


Dimension Drawing

Unit:mm



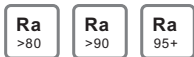
Color Option



IP Grade Option



Ra Option



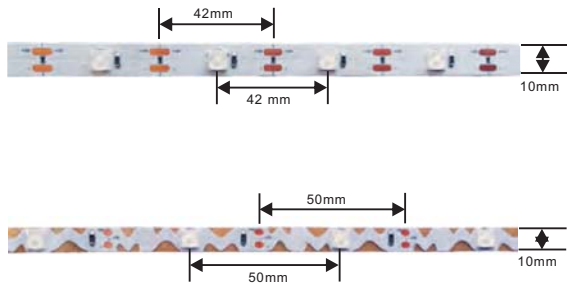
Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-100-W	W	5	100	2835 SMD	1930lm	10	24V	8.3	22W	>90
FL-24FS2835-100-WW	WW	5	100	2835 SMD	1750lm	10	24V	8.3	22W	>90

* The above measurements are based on IP20 which may have a 10% tolerance

Dimension Drawing

Unit:mm



Features

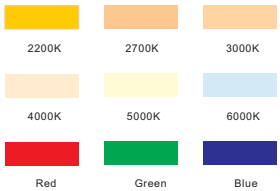
- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High brightness 2835 24 LEDs standard or 20 LEDs Zigzag S-type
- ◆ 160° viewing angle with lens
- ◆ Compatible with class 2 power supplies
- ◆ Full dimmable with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

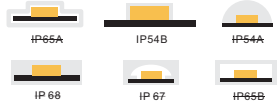
Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-12FS6060-24-W-L	W	5	24	2835 Lens	1530lm	10	12V	42	12W	>80
FL-12FS6060-20-W-B	W	5	20	2835 Lens	1300lm	10	12V	42	9W	>80

* The above measurements are based on IP20 which may have a 10% tolerance

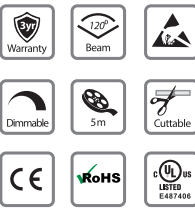
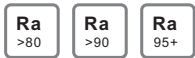
Color Option



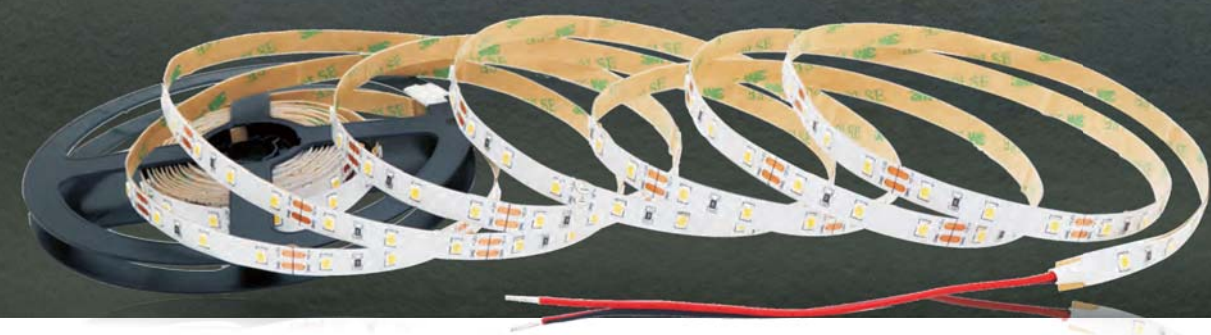
IP Grade Option



Ra Option



HIGH CRI 95+ 2835 LED STRIP
60/120/240 LEDs/m

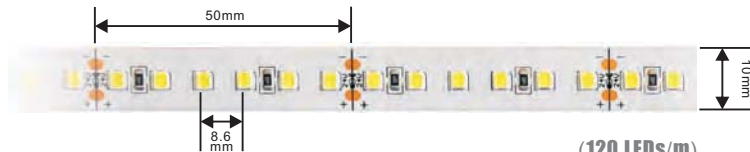


Dimension Drawing

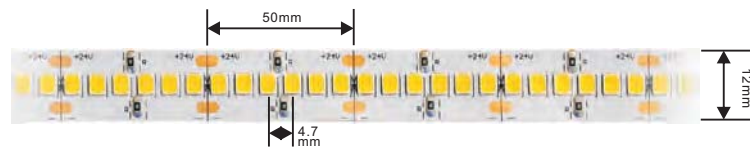
Unit:mm



(60 LEDs/m)



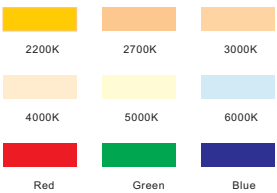
(120 LEDs/m)



(240 LEDs/m)



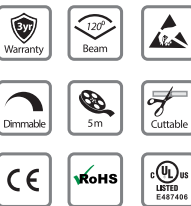
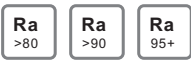
Color Option



IP Grade Option



Ra Option



Features

- Long life 50,000 hours
- Safe low voltage (12Vdc or 24Vdc)
- Ultra low power consumption
- High CRI 95+ 2835 SMD LEDs
- 120° viewing angle
- Compatible with class 2 power supplies
- Full compatible with a separate lighting dimmer
- For indoor use only
- 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-60-C	W	5	60	SMD 2835	720lm	8	24V	100	10W	>95
FL-24FS2835-120-C	W	5	120	SMD 2835	1460lm	10	24V	50	18W	>95
FL-24FS2835-240-C	W	5	240	SMD 2835	2140lm	12	24V	50	24W	>95



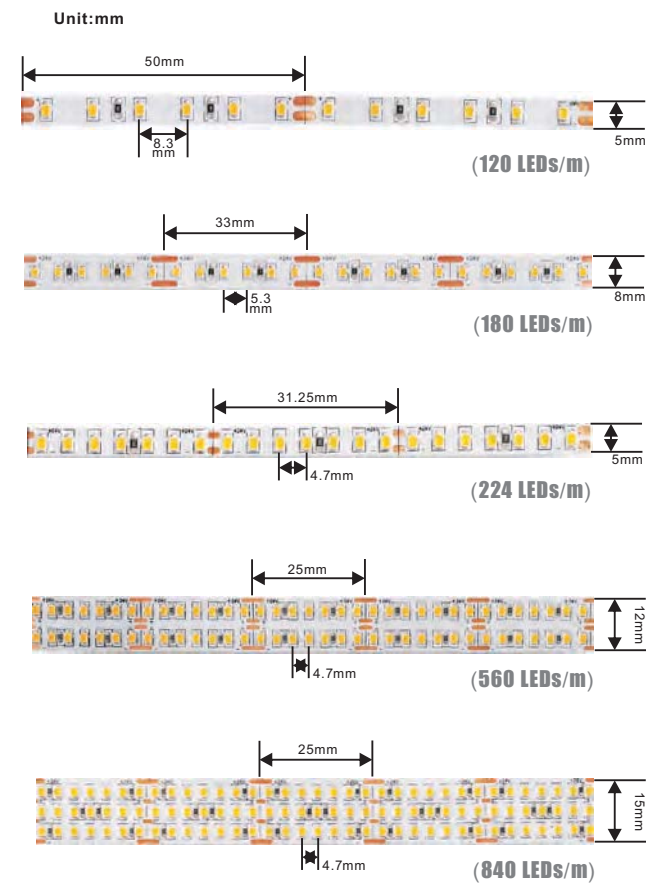
* The above measurements are based on IP20 which may have a 10% tolerance

* The above measurements are based on IP20 which may have a 10% tolerance



HIGH CRI 95+ 2216 LED STRIP
120/180/224/560/840 LEDs/m

Dimension Drawing



* The above measurements are based on IP20 which may have a 10% tolerance

Color Option

2200K	2700K	3000K
4000K	5000K	6000K
Red	Green	Blue

IP Grade Option

IP65A	IP54B	IP54A
IP 68	IP 67	IP65B

Ra Option

Ra >80	Ra >90	Ra 95+
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Warranty, Beam, 120°, Dimmable, 5m, Cuttable, CE, RoHS, UL1875 E487406

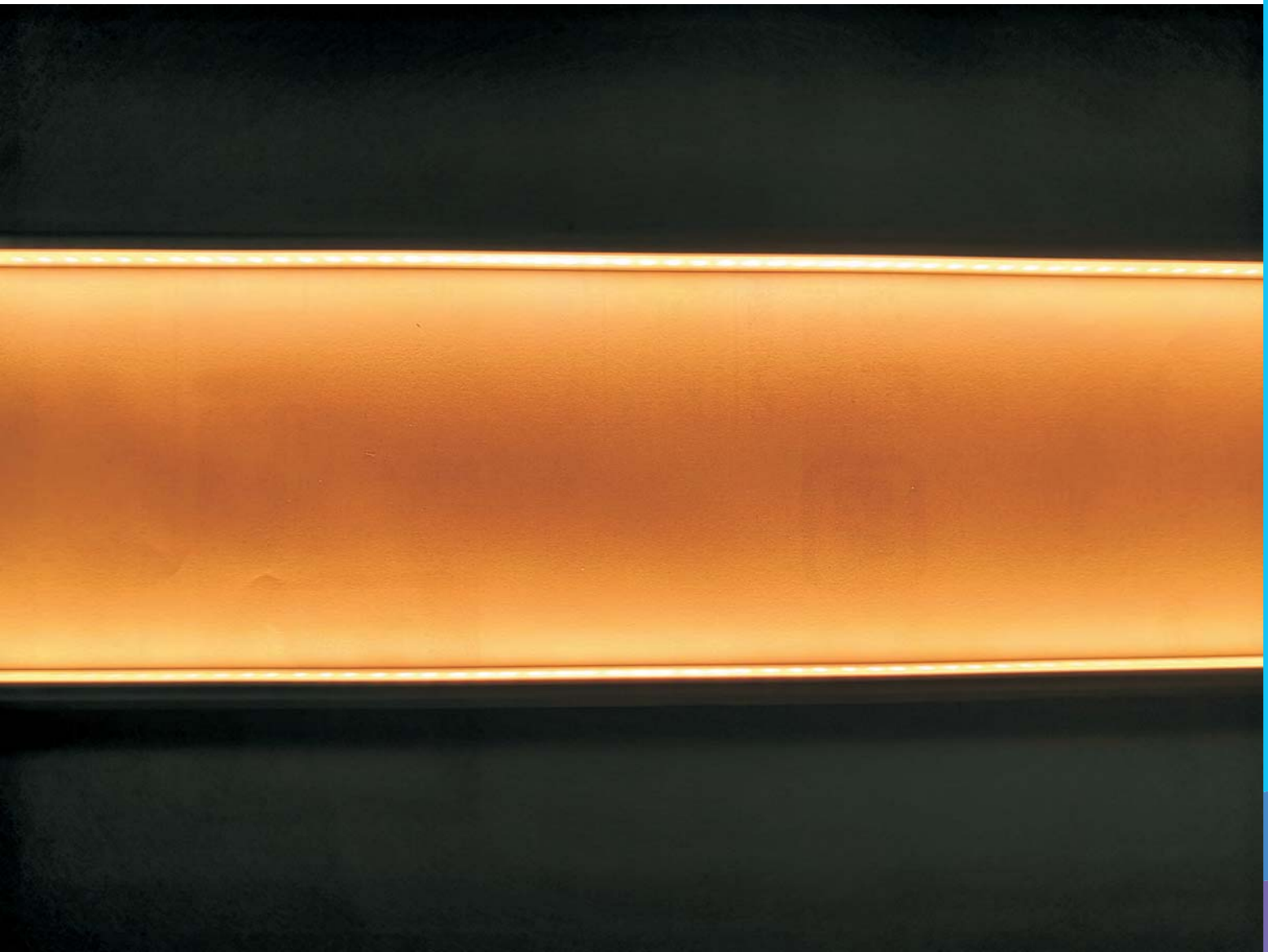
Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra low power consumption
- ◆ High CRI 95+ 2216 SMD LEDs
- ◆ 120° viewing angle
- ◆ Compatible with class 2 power supplies
- ◆ Full compatible with a separate lighting dimmer
- ◆ For indoor use only
- ◆ 3 years warranty

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2216-120-C	W	5	120	SMD 2216	600lm	5	24V	50	6W	>95
FL-24FS2216-180-C	W	5	180	SMD 2216	1200lm	8	24V	33	12W	>95
FL-24FS2216-224-C	W	5	224	SMD 2216	800lm	5	24V	31.25	8W	>95
FL-24FS2216-560-C	W	5	560	SMD 2216	2000lm	12	24V	25	20W	>95
FL-24FS2216-840-C	W	5	840	SMD 2216	2400lm	15	24V	25	24W	>95

* The above measurements are based on IP20 which may have a 10% tolerance



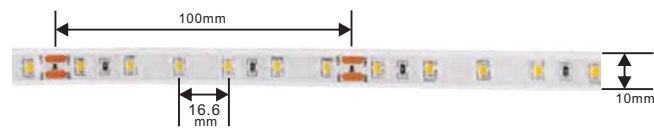


SUPER SMALL ANGLE

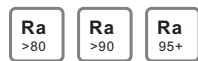
30°/60°/90°

Dimension Drawing

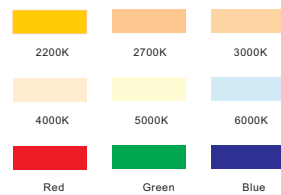
Unit:mm



Ra Option



Color Option



IP Grade Option



30°

60°

90°

Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-60-W-LS	W	5	60	SMD 2835	1040lm	10	24V	100	10W	>90
FL-24FS2835-60-W-LM	W	5	60	SMD 2835	1040lm	10	24V	100	10W	>90
FL-24FS2835-60-W-LB	W	5	60	SMD 2835	1040lm	10	24V	100	10W	>90

* The above measurements are based on IP20 which may have a 10% tolerance

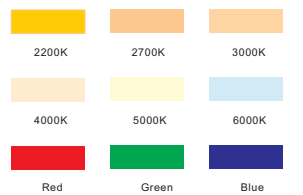


SUPER MINI 3.8MM

ENIG PCB 84 LEDs/m



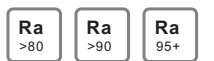
Color Option



IP Grade Option

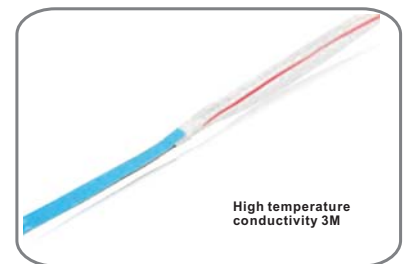
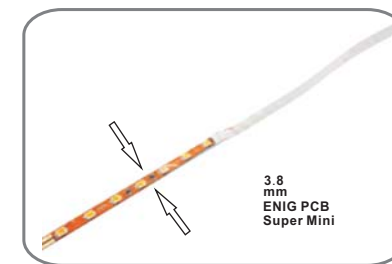


Ra Option



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ Ultra Narrow Immersion Gold Process
- ◆ High CRI 90+ 2835 SMD LEDs
- ◆ ENIG PCB 30z thickness & 3.8mm width
- ◆ Strong soldering and anti-oxidation
- ◆ Strong corrosion resistance
- ◆ Wider application
- ◆ 3 years warranty



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-84-W-IG	W	5	84	SMD 2835	1240lm	3.8	24V	71.4	12W	>90
FL-24FS2835-84-WW-IG	WW	5	84	SMD 2835	1020lm	3.8	24V	71.4	12W	>90

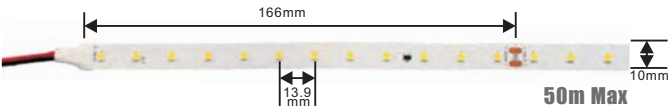
* The above measurements are based on IP20 which may have a 10% tolerance



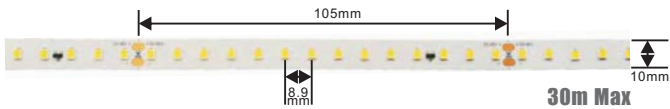
LED STRIP 48V
SUPER LONG 50m/30m/25m CONTINUOUS

Dimension Drawing

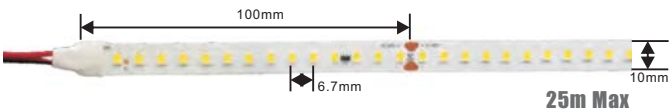
Unit:mm



50m Max

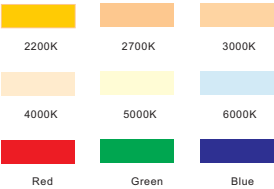


30m Max



25m Max

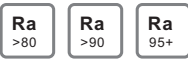
Color Option



IP Grade Option



Ra Option



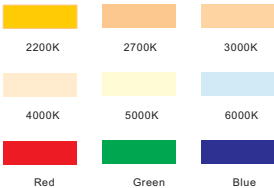
Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-48FS2835-72-W	W	50	72	SMD 2835	409lm	10	48V	166	4.3W	>90
FL-48FS2835-112-W	W	30	112	SMD 2835	750lm	10	48V	105	7.4W	>90
FL-48FS2835-150-W	W	25	150	SMD 2835	1105lm	10	48V	100	9.6W	>90

* The above measurements are based on IP20 which may have a 10% tolerance



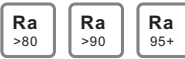
Color Option



IP Grade Option



Ra Option



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2110-700-W	W	5	700	SMD 2110	1650lm	10	24V	10	18W	>90
FL-24FS2110-700-WW	WW	5	700	SMD 2110	1440lm	10	24V	10	18W	>90

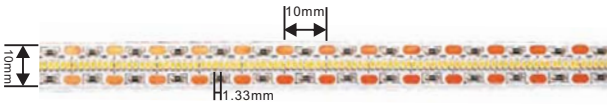
* The above measurements are based on IP20 which may have a 10% tolerance



LED STRIP 2110
SUPER DENSITY 700 LEDs/m

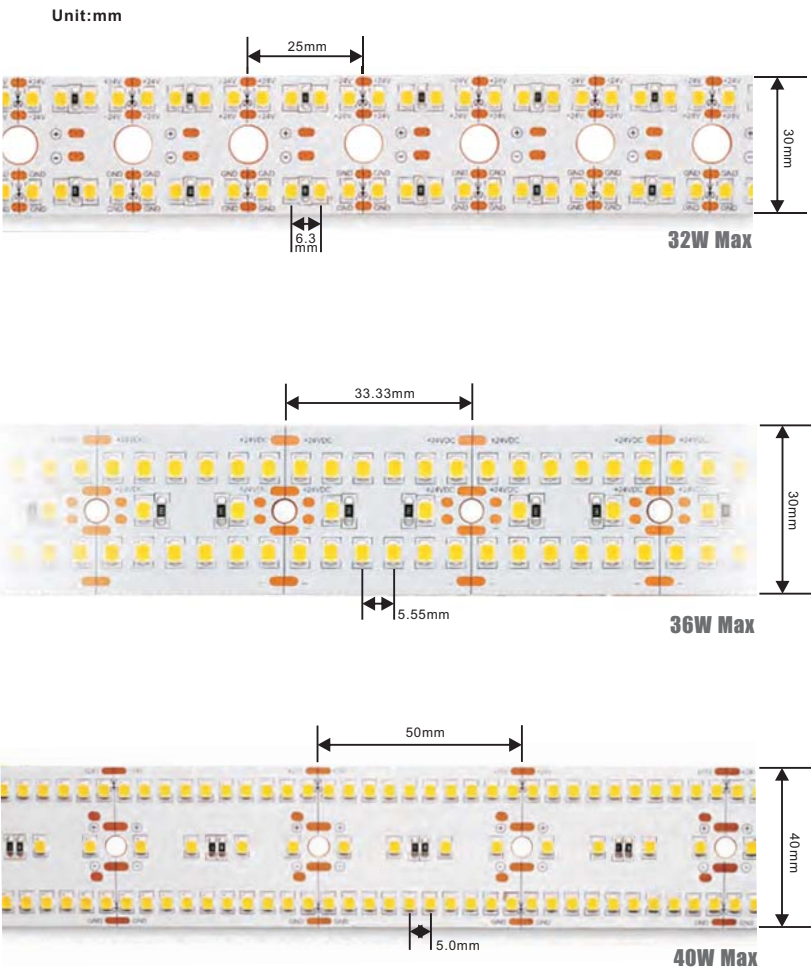
Dimension Drawing

Unit:mm

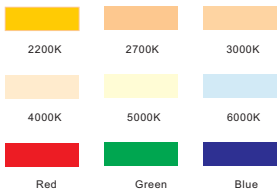


LED LINEAR STRIP FOR LINER LIGHT
SUPER POWER

Dimension Drawing



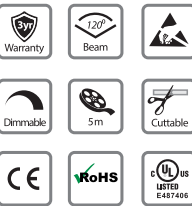
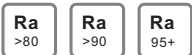
Color Option



IP Grade Option

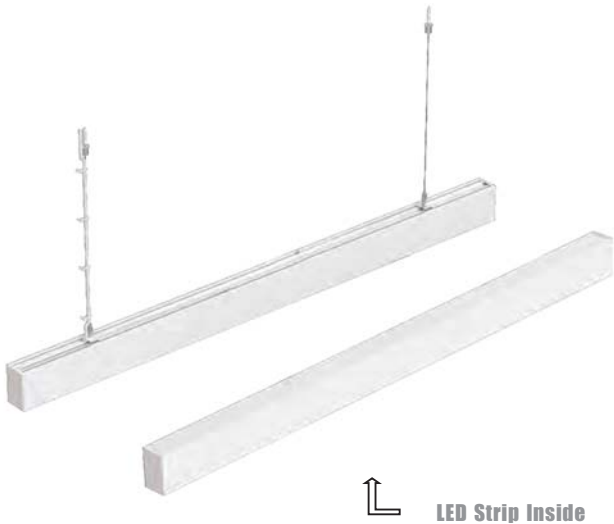


Ra Option



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage 24Vdc
- ◆ Super big power but low consumption
- ◆ High CRI 90+ 2835 SMD LEDs
- ◆ Super dot less for LED linear light
- ◆ Opening hole for easy installation and heat dissipation
- ◆ Could be cut to certain section you need
- ◆ Customization is available
- ◆ 3 years warranty



Technical data

Part Number	Color	Length (m)	LED Q'ty	LED Type	Light Output (lm)	PCB Width (mm)	Voltage (VDC)	Pitch (mm)	Max.Power Consumption (W/m)	CRI
FL-24FS2835-320-W	W	5	320	SMD 2835	3600lm	30	24V	25	32W	>90
FL-24FS2835-420-W	W	5	420	SMD 2835	3860lm	30	24V	33.33	36W	>90
FL-24FS2835-480-W	W	5	480	SMD 2835	4320lm	40	24V	50	40W	>90

* The above measurements are based on IP20 which may have a 10% tolerance



PIR Sensor LED Strip Kit
Under-bed RGB

Product View



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ PIR motion sensor automatically ON/OFF at night
- ◆ Can be dimmable & RGB color change by controller
- ◆ Including 1.5A adapter and 2pcs of 1.5m RGB LED strip
- ◆ One piece 24 key controller
- ◆ Sensor distance 5m Max
- ◆ 3M adhesive backing easy to install
- ◆ DC male and female conector for plug and play
- ◆ Blister package for retails or wholesales easily

Technical data

Part Number	Color	Length (m)	Adater (A)	Strip Type	Light Output (lm)	Max.Power Consumption (W/m)	Voltage (VDC)	Sensor Distance	Sensor Mode	Blister Package (mm)
FL-CDE-RGB		1.5x1pcs	1A	SMD 5050	390lm	9W	12/24	5m Max	PIR motion	212X160X50
FL-CDE-RGB2		1.5x2pcs	1.5A	SMD 5050	760lm	18W	12/24	5m Max	PIR motion	212X160X50



Ra Option

Ra >80

Ra >90

Ra 95+

Warranty

Beam 120°

Dimmable

1.2m

Cuttable

CE

RoHS

UL LISTED E687406

Color Option

R/G/B

IP Grade Option

IP65A

IP65B

IP54A

IP68

IP67

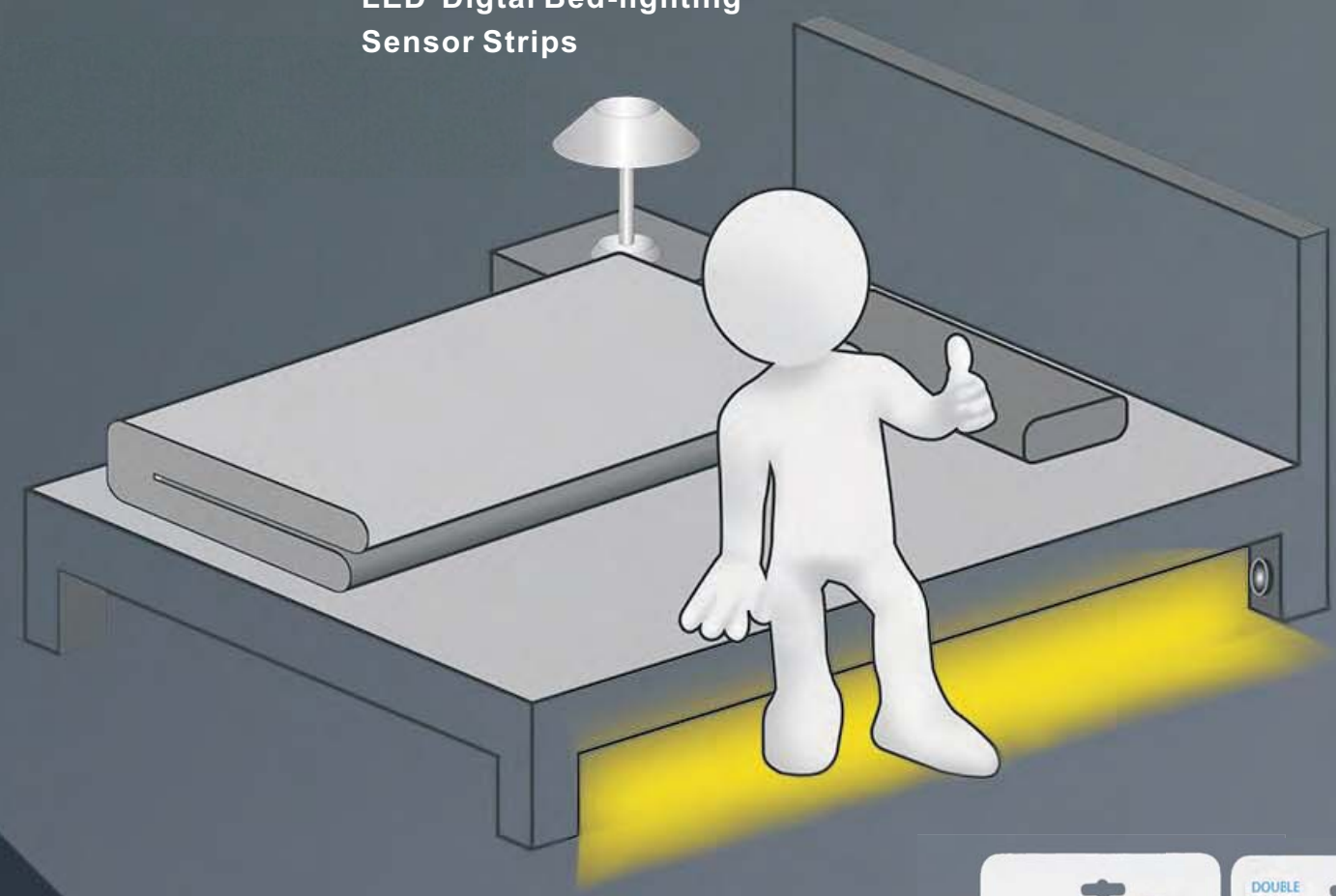
IP65B

* The above measurements are based on IP20 which may have a 10% tolerance

* The above measurements are based on IP20 which may have a 10% tolerance



LED Digital Bed-lighting Sensor Strips



Features

- ◆ Long life 50,000 hours
- ◆ Safe low voltage (12Vdc or 24Vdc)
- ◆ PIR motion sensor automatically ON/OFF at night
- ◆ Can be dimmable by sensor knob button
- ◆ Including 0.5A adapter and 2pcs of 1.2m single color LED strip
- ◆ Two piece dimmable sensors
- ◆ Sensor distance 5m Max
- ◆ 3M adhesive backing easy to install
- ◆ DC male and female connector for plug and play
- ◆ Blister package for retails or wholesales easily

Technical data

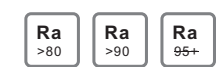
Part Number	Color	Length (m)	Adater (A)	Strip Type	Light Output (lm)	Max.Power Consumption (W/m)	Voltage (VDC)	Sensor Distance	Sensor Mode	Blister Package (mm)
FL-CDA-1		1.2x1pcs	0.5A	SMD 2835	500lm	6W	12/24	5m Max	PIR motion	212X160X50
FL-CDA-2		1.2x2pcs	0.5A	SMD 2835	900lm	12W	12/24	5m Max	PIR motion	212X160X50

Product View

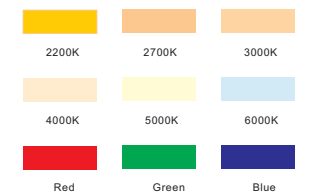
PIR Sensor LED Strip Kit Under-bed Single Color



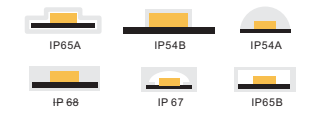
Ra Option



Color Option



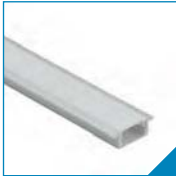
IP Grade Option



* The above measurements are based on IP20 which may have a 10% tolerance

* The above measurements are based on IP20 which may have a 10% tolerance

PROFILES FOR LED STRIPS



FL-P001
For 12mm PCB



FL-P002
For 12mm PCB



FL-P002L
For 12mm PCB



FL-P002S
For 12mm PCB



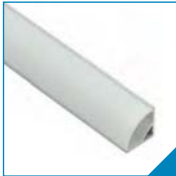
FL-P003
For 12mm PCB



FL-P004
For 12mm PCB



FL-P005
For 10mm PCB



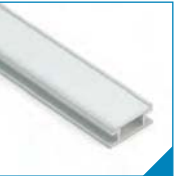
FL-P006
For 12mm PCB



FL-P007
For 10mm PCB



FL-P008
For 12mm PCB



FL-P009
For 10mm PCB



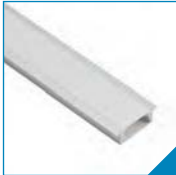
FL-P010
For 16mm PCB



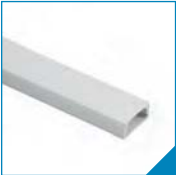
FL-P011
For 16mm PCB



FL-P012
For 16mm PCB



FL-P013
For 20mm PCB



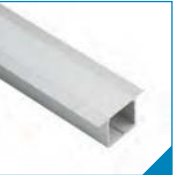
FL-P014
For 20mm PCB



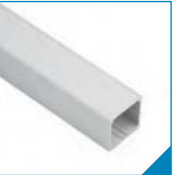
FL-P015
For 20mm PCB



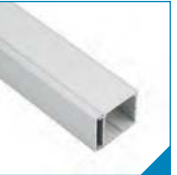
FL-P016
For 20mm PCB



FL-P017
For 32mm PCB



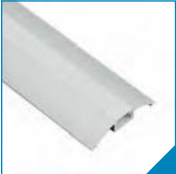
FL-P018
For 32mm PCB



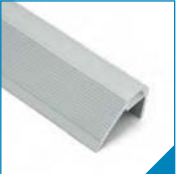
FL-P019
For 32mm PCB



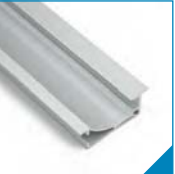
FL-P020
For 32mm PCB



FL-P021
For 12mm PCB



FL-P022
For 12mm PCB



FL-P023
For 12mm PCB



FL-P024
For 20mm PCB



FL-P025
For 20mm PCB



FL-P026
For 20mm PCB



FL-P027
For 12mm PCB



FL-P028
For 36mm PCB



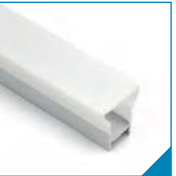
FL-P029
For 12mm PCB



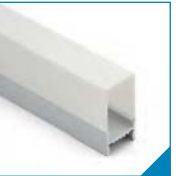
FL-P030
For 12mm PCB



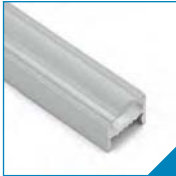
FL-P031
For 16mm PCB



FL-P032
For 16mm PCB



FL-P033
For 16mm PCB



FL-P034
For 16mm PCB



FL-P035
For 16mm PCB



FL-P036
For 16mm PCB



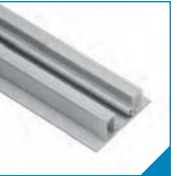
FL-P038
For 26mm PCB



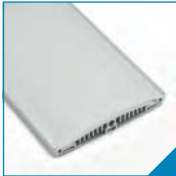
FL-P039
For 12mm PCB



FL-P040
For 6mm PCB



FL-P040L
For 14mm PCB



FL-P041
For 128mm PCB



FL-P042
For 12mm PCB



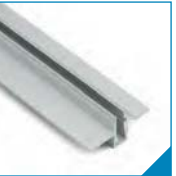
FL-P043
For 12mm PCB



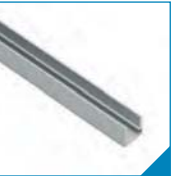
FL-P044
-



FL-P044A
-



FL-P044B
-



FL-P044C
-

CONNECTORS



FL-SE/DJ
Suitable for 5mm/8mm/10mm/12mm Single color
Suitable for Dual color/RGB/RGBW/RGBWW
Suitable for IP20/IP54/IP65, < / = 120 LEDs/m



FL-BC
Suitable for 8mm/10mm Single color
Suitable for 2 pin only
Suitable for solid tube, < / = 120 LEDs/m



FL-FS
Suitable for 8mm/10mm/12mm Single color
Suitable for RGB
Suitable for Hollow Tube, < / = 120 LEDs/m



FL-SD
Suitable for 10mm/12mm Single color
Suitable for RGB
Suitable for solid tube, < / = 120 LEDs/m



FL-SL
Suitable for 8mm/10mm Single color
Suitable for Dual color/RGB
Suitable for IP20, < / = 120 LEDs/m



FL-DJ
Suitable for 8mm/10mm/12mm Single color
Suitable for RGB/RGBW
Suitable for IP54/IP65, < / = 60/90 LEDs/m



FL-SR
Suitable for 8mm/10mm/12mm Single color
Suitable for Dual color/RGB/RGBW/RGBWW
Suitable for Hollow Tube, < / = 60/90/120 LEDs/m



FL-KZ
Suitable for 8mm/10mm/12mm IP20
Suitable for 8mm/10mm IP54/IP65
Suitable for 10mm/12mm tube waterproof



FL-FPC
Suitable for 8mm/10mm Single color
Suitable for 10mm RGB
Suitable for IP20



FL-XC
Suitable for 22/20/18 AWG
Suitable for I / T shape
Suitable for one/two pin

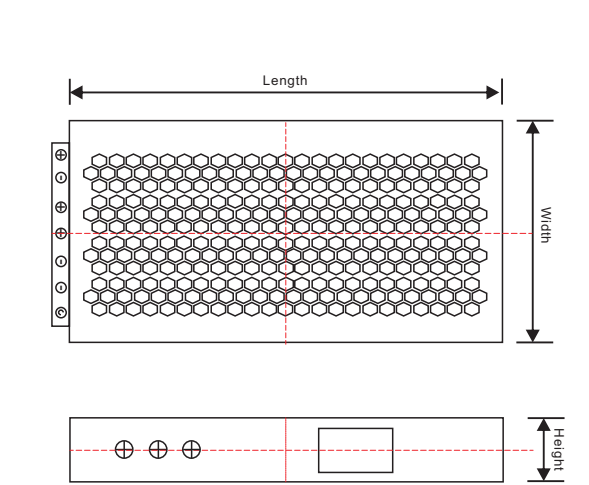


FL-SR
Suitable for 1 lead 2/3/4 way
Suitable for 12V-36V
Suitable for 22/20/18 AWG



FL-WG
Suitable for 1/2/3/4 lead
Suitable for 12V-36V; 110-240V
Suitable for 22/20/28 AWG; 0.5/0.75/1 m²

NON WATERPROOF POWER SUPPLY

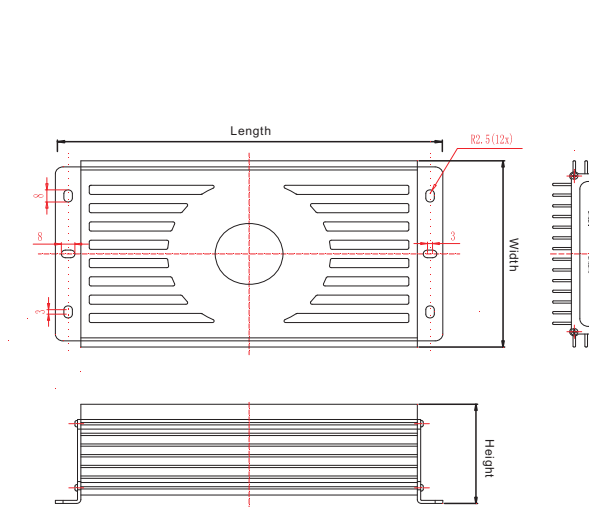


TECHNICAL DATA

Model	Color	Power (W)	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Power Efficiency (PF)	Typical Efficiency	Temperature (°C)	Certificates	Warranty (y)
FL-12030G	/	30W	220-240V	12V/24V	2.5A/1.25A	>0.9	85%	-40~50	CE RoHS	3
FL-12060G	/	60W	220-240V	12V/24V	5A/2.5A	>0.9	85%	-40~50	CE RoHS	3
FL-12100G	/	100W	220-240V	12V/24V	8.3A/5A	>0.9	88%	-40~50	CE RoHS	3
FL-12150G	/	150W	220-240V	12V/24V	12.5A/6.25A	>0.9	90%	-40~50	CE RoHS	3

* The above measurements are based on IP65 which may have a 10% tolerance

WATERPROOF POWER SUPPLY



TECHNICAL DATA

Model	Color	Power (W)	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Power Efficiency (PF)	Typical Efficiency	Temperature (°C)	Certificates	Warranty (y)
FL-12030Q	/	30W	220-240V	12V/24V	2.5A/1.25A	>0.9	85%	-40~50	CE RoHS	3
FL-12060Q	/	60W	220-240V	12V/24V	5A/2.5A	>0.9	85%	-40~50	CE RoHS	3
FL-12100Q	/	100W	220-240V	12V/24V	8.3A/5A	>0.9	88%	-40~50	CE RoHS	3
FL-12150Q	/	150W	220-240V	12V/24V	12.5A/6.25A	>0.9	90%	-40~50	CE RoHS	3

* The above measurements are based on IP65 which may have a 10% tolerance

SMART LED STRIP CONTROLLERS



Model No.: LS1 4 IN 1 Smart LED Controller

Model No.	Input Voltage	Output	Working Temperature	Control Distance	Size
LS1	DC12V-24V	Max. 6A/Channel Total output Max.15A	-20-60°C	30m	138*22.5*35mm

Features

2.4GHz RF remote controllable, WiFi enabled smart phone control. Dimmable & color temperature adjustable color changing & saturation control. With the function of automatic signal transmitting, one can send signal to another, which makes the distance limitless.

99-Zone
One remote can control many track lights at the same time or individually, totally up to 99-zone, up to 9999 lights.

Optional: RGBW / Dual White / Single White
Dimmable & Color temperature Adjustable, Color Changing & Saturation Control.

Auto-transmitting function
One can send signal to another, which makes the distance limitless.

2.4GHz RF Transmission Tech
Low power consumption, long distance control, anti-interference, and high communication speed.

Smart phone App control
Mi-Light WiFi iBox is needed



Remote Controller
Model No.: FUT090



APP control
WiFi iBox is needed



Model No.: LS2 5 IN 1 Smart LED Controller

Model No.	Input Voltage	Output	Working Temperature	Control Distance	Size
LS2	DC12V~24V	Max. 6A/Channel Total output Max.15A	-20~60°C	30m	124*38*23mm

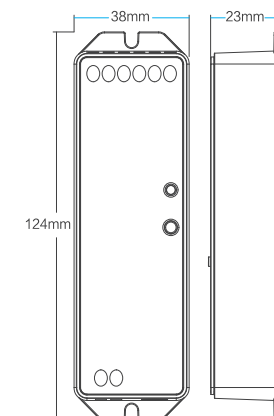
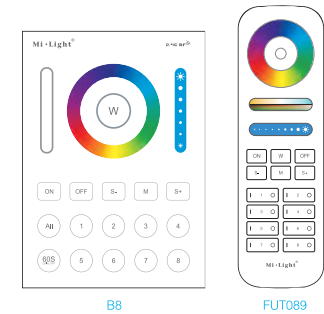
5 in 1 (RGB+CCT / RGBW / Dual White / Single White), controlled by wireless remote controller, also with smart phone control and 4G long distance control (need WiFi box). Dimmable & Color temperature Adjustable, Color Changing & Saturation Control. The controller has auto-transmitting and auto-synchronizing function

2.4GHz RF Transmission Tech
Low power consumption, long distance control, anti-interference, and high communication speed.

Smart phone App control
Mi-Light WiFi iBox is needed

Optional: RGB+CCT / RGBW / Dual White / Single White
Dimmable & Color temperature Adjustable, Color Changing & Saturation Control.

Auto-transmitting function
One can send signal to another, which makes the distance limitless.



Model No.: LS3 Dual White Panel Light Control System

Model No.	Input Voltage	Output Voltage	Output Current	Working Temperature	Control Distance	Size
LS3	DC42V~45V	DC30V~40V	900mA	-20~60°C	30m	124*38*23mm

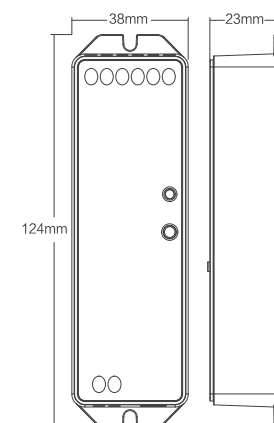
The controller has auto-transmitting function and with CCT and Brightness output mode. Controlled by wireless 2.4GHz RF remote controller, also with smart phone control and 4G long distance control (need WiFi box).

2.4GHz RF Transmission Tech
Low power consumption, long distance control, anti-interference, and high communication speed.

Smart phone App control
Mi-Light WiFi iBox is needed

Optional: Dual White / Single White
Dimmable & Color temperature adjustable

Auto-transmitting function
One can send signal to another, which makes the distance limitless.

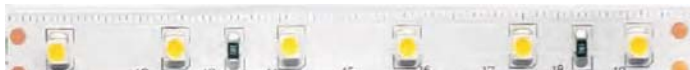


3M BACKING TAPE

3M 200MP		Normal Indoor use
3M 300MP		Normal Indoor use
3M 9080 Tape		Normal Indoor use
3M 4229 Tape		For Waterproof Strips
Tesa 4965		For Aluminum Profile
Blue Tape		For High Wattage Strips



IP RATING OPTION

IP54-PU		 	PU Glue On The Surface
IP54-SI		 	Silicone Glue On The Surface
IP54-SP		 	Spray Silicone Glue On The Surface
IP54-ST		 	Silicone Tube On The Surface
IP65-ST		 	Silicone Tube On Both Sides
IP65-HT		 	HeatShrink Tube On Both Sides
IP65-Nano		 	Nano Coating
IP67-HI		 	Hollow Integrated Silicone Glue
IP68-SI		 	Solid Integrated Silicone Glue